**Declaration for Patent Application and Power of Attorney**

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention described in the attached specification entitled **Tunable External Cavity Laser With Adjustable Cavity Length And Mode-Hop Suppression.**

First or Sole Inventor:	Full name:	HOANG NGUYEN	Citizenship:	USA
	Residence:	6371 Half Dome Way, Livermore, CA 94551		
	Postal Address:	Same as above		
Second Joint Inventor:	Full name:	DONG HO CHOI	Citizenship:	Korea
	Residence:	2635 Louis Road, Palo Alto, CA 94303		
	Postal Address:	Same as above		
Third Joint Inventor:	Full name:	ROSS D. PACE	Citizenship:	USA
	Residence:	1047 Carolyn Avenue, San Jose, CA 95125		
	Postal Address:	Same as above		
Fourth Joint Inventor:	Full name:	THANG TRAN	Citizenship:	USA
	Residence:	2574 Glen Dundee Way, San Jose, CA 95138		
	Postal Address:	Same as above		
Fifth Joint Inventor:	Full name:	WEIZHI WANG	Citizenship:	China
	Residence:	2258 Shelley Avenue, San Jose, CA 95124		
	Postal Address:	Same as above		
Sixth Joint Inventor:	Full name:	ALAN LIM	Citizenship:	USA
	Residence:	3494 Yuba Avenue, San Jose, CA 95117		
	Postal Address:	Same as above		

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN APPLICATION(S)**

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. §119
NONE			<input type="checkbox"/> Yes <input type="checkbox"/> No

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

**PRIOR U. S. APPLICATION(S)**

Application No.	Filing Date	Status
60/457,510	03/24/2003	<input checked="" type="checkbox"/> Provisional <input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Regular


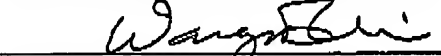
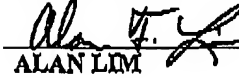
I hereby appoint Thomas J. McFarlane, Reg. No. 39,299, Marek Alboszta, Reg. No. 39,894, Ron Jacobs, Reg. No. 50,142, Katharina Wang Schuster, Reg. No. 50,000, Robert Lodenkamper, Reg. No. 55,399, Dr. Steven Stupp, Reg. No. 54,475, Kenneth M. Benderly, Reg. No. 51,453 and Tianhua Gu, Reg. No. 52,480 as my agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. Direct all correspondence to:

**Kenneth M. Benderly**  
2345 Yale Street, 2<sup>nd</sup> Floor  
Palo Alto, CA 94306  
tel: (650) 424-0100  
fax: (650) 424-0141

The attorney docket number for this case is: **NFI-117.**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Title 18, §1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## INVENTOR SIGNATURE(S)

HOANG NGUYENROSS D. PACE DAVID RAS PACEWEIZHI WANGDate3/24/04Date3/24/04DateDONG HO CHOI3/24/04DateTHANG TRANDateALAN LIM3/24/04Date

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60/457,510	03/24/2003	<input checked="" type="checkbox"/> Provisional <input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Regular

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INVENTOR SIGNATURE(S)

Hoang Nguyen

HOANG NGUYEN

7/12/2004

Date

DONG HO CHOI

Date

ROSS D. PACE

Date

THANG TRAN

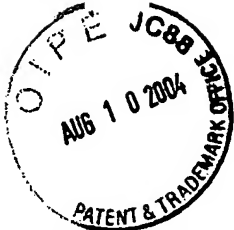
Date

WEIZHI WANG

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ALAN LIM

Date

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HOANG NGUYEN

\_\_\_\_\_  
Date

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DONG HO CHOI

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Date

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ROSS D. PACE

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Date

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THANG TRAN

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3/22/04  
Date

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WEIZHI WANG

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Date

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ALAN LIM

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Date